

AMENDMENTS TO THE CLAIMS

Please replace the claims, including all prior versions, with the listing of claims found below.

Listing of Claims:

1-17. (canceled)

18. (New) A time/space coupling component with multiple functionality, comprising:

- space coupling unit for spatial allocation of a plurality of data channels;
- a time coupling unit for chronological allocation of the plurality of data channels, with N memory devices for storing the plurality of data channels of a time frame in a plurality of memory cells and N address selection stages for selectively controlling the plurality of memory cells;
- a data channel sequence correction unit with N bridging lines for bridging each of the N memory devices and N bridging selection stages for selective selection of the bridging lines or the memory devices for correction of the chronological sequence of the plurality of data channels; and
- a control unit for controlling the time coupling unit, the space coupling unit and/or the data channel sequence correction unit in dependent on a selected operating mode.

19. (New) The time/space coupling component according to Claim 18, wherein the space coupling unit comprises:

- a line matrix with N x (N x M) connection lines, and
- M space coupling selection stages for selection of one of the N connection lines dependent on the control unit.

20. (New) The time/space coupling component according to Claim 18, wherein the data channel sequence correction unit also has N connection selection stages for selective, paired connection of the N memory devices with corresponding bridging lines and for selective selection of the memory devices, connected in a paired manner, with bridging lines dependent on the control unit.

21. (New) The time/space coupling component according to Claim 20, wherein the N connection selection stages have $N/2$ input multiplexers and $N/2$ output multiplexers.

22. (New) The time/space coupling component according to Claim 18, wherein respective selection stages constitute multiplexers.

23. (New) The time/space coupling component according to Claim 18, wherein the control unit includes M control stages.

24. (New) The time/space coupling component according to Claim 18, wherein the control unit controls the time coupling, space coupling and/or data channel correction units such that a chronological and spatial allocation of the plurality of data channels from N input lines to M output lines takes place in a first operating mode.

25. (New) The time/space coupling component according to Claim 24, wherein the N connection selection stages and the N bridging selection stages are deactivated.

26. (New) The time/space coupling component according to Claim 18, wherein the control unit controls the time coupling, space coupling unit and/or data channel sequence correction units such that a correction of a data channel sequence and a spatial allocation of the plurality of data channels from N input lines to M output lines takes place in a second operating mode.

27. (New) The time/space coupling component according to Claim 26, wherein the N connection selection stages are deactivated and the N bridging selection stages are activated.

28. (New) The time/space coupling component according to Claim 18, wherein the control unit controls the time coupling, space coupling unit and/or data channel sequence correction units such way that a correction of the data channel sequence and a chronological and spatial allocation of the

plurality of data channels from $N/2$ input lines to M output lines takes place in a third operating mode.

29. (New) The time/space coupling component according to Claim 11, wherein the N connection selection stages activated and the N bridging selection stages are deactivated.